CLAIMS

[1] A transmissible connecting mechanism between valve shafts forming an angle, the transmissible connecting mechanism interlocking and driving the both valve shafts, which are respectively a lead air control valve shaft and an air-fuel mixture throttle valve shaft of a carburetor in a stratified scavenging two-cycle engine, wherein one of the valve shafts is a drive shaft and the other valve shaft is a driven shaft, characterized in that

the drive shaft and the driven shaft are arranged so as to form an angle

the transmissible connecting mechanism is arranged so as to be integrally rotatable with the drive shaft and the driven shaft respectively, and is provided with a pair of first cam member and a second cam member which are transmitted to each other in a contact manner, and

a part of a contact surface of the first cam member and a part of a contact surface of the second cam member are always maintained in a contact state at a time of a contact transmission of the first cam member and the second cam member.

[2] The transmissible connecting mechanism between valve shafts forming an angle according to claim 1, characterized in that one cam member of the first cam member and the second cam member is constituted by a cam plate having a cam surface, the other cam member is constituted by a lever having a contact element which is brought into

contact with the cam surface.

[3] The transmissible connecting mechanism between valve shafts forming an angle according to claim 1 or 2, characterized in that at least one cam member of the first cam member and the second cam member is structured such that the contact surface with the other cam member is extended in parallel to the valve shaft in which the one cam member is arranged.

[4] The transmissible connecting mechanism between valve shafts forming an angle according to claim 1 or 2, characterized in that at least one cam member of the first cam member and the second cam member is slidably urged along the drive shaft or the driven shaft in which the first cam member or the second cam member is arranged, and toward the other second cam member or the first cam member.